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## STANDARD DESCRIPTIONS OF VEGETABLES

# PEAS

A Guide to Seed Growers

BY

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ASSISTANT IN VEGETABLE GARDENING

DIVISION OF HORTICULTURE  
DOMINION EXPERIMENTAL FARMS

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Dominion Horticulturist

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# DOMINION EXPERIMENTAL FARMS BRANCH

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# **Standard Descriptions of Vegetables:**

## **Peas**

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### **FOREWORD**

The need of a type book dealing with the technical description of each of the twenty-two varieties of garden and canning peas included in the standard list of variety names of vegetables, decided upon by the vegetable committee under the Canadian Seed Growers' Association, has resulted in the preparation of this descriptive bulletin.

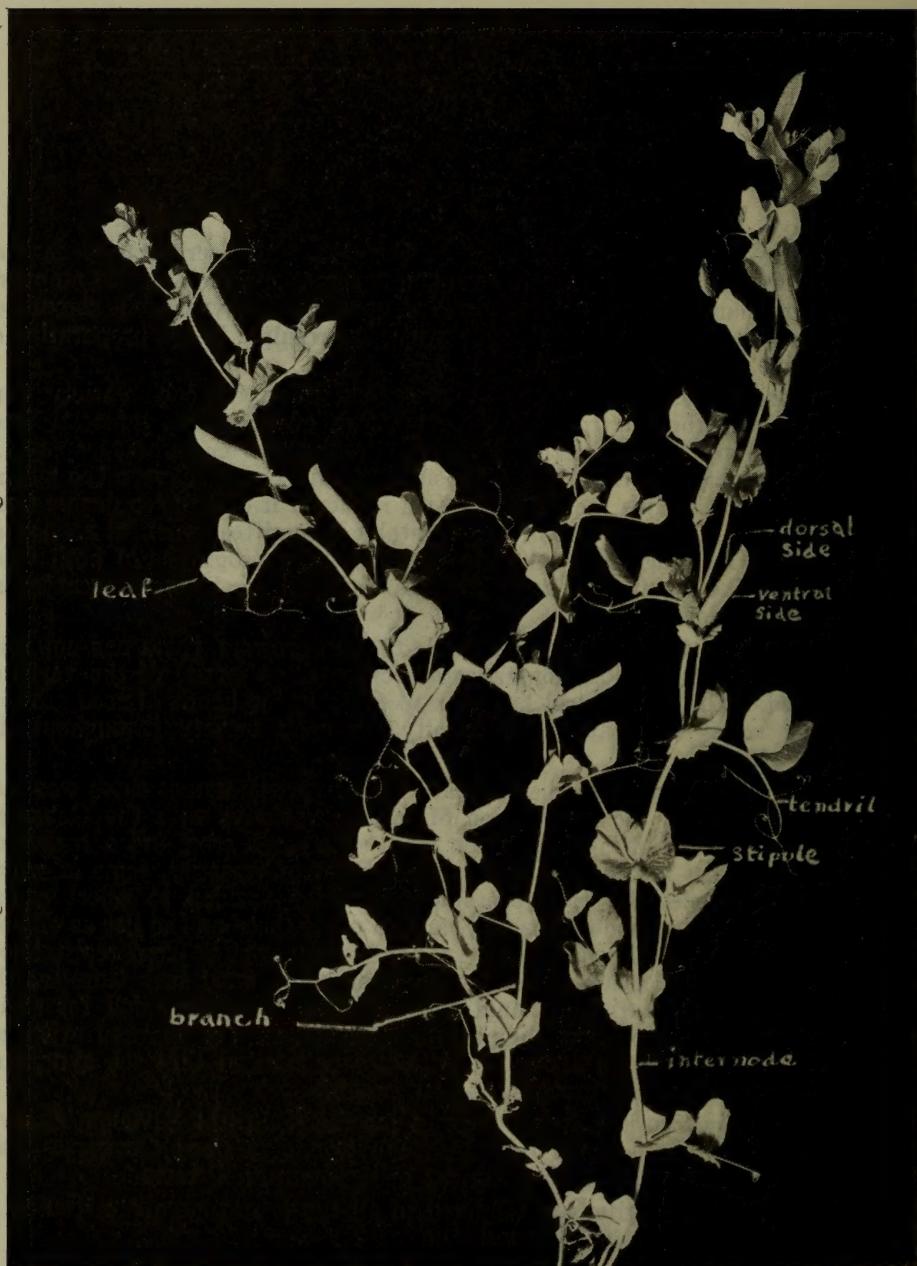
In preparing these descriptions at least four strains of each variety were grown. This was thought to be the best means of obtaining material from which typical plants could be selected for the descriptions and photographs. It was found, however, that there was a considerable difference between the strains and also within the strains themselves, which rendered it difficult to decide upon the correct type. The members of the vegetable committee, when in session at their Vancouver meeting, were asked to examine the photographs of both vines and pods, with the result that those pictures included herein were accepted as typical for the varieties.

Being a descriptive bulletin, as a guide to seed growers, there has not been any reference made to yields, nor have the comparative merits of the varieties been discussed. The chief object has been to place in the hands of seed growers a type book so as to establish uniformity for each variety throughout the country.

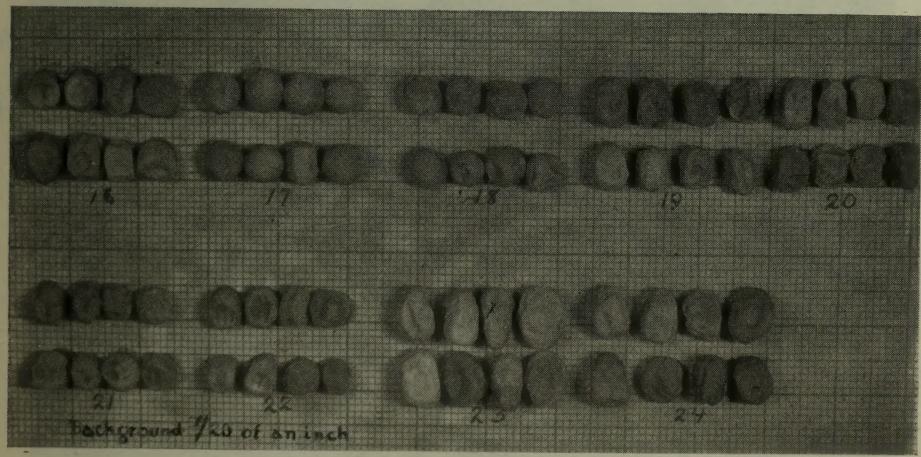
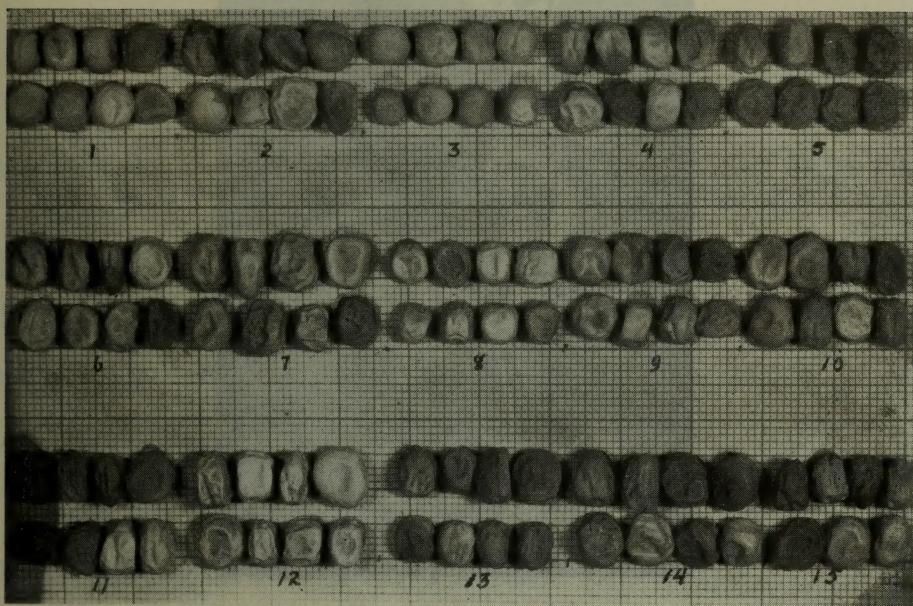
With the establishment of the standard list of variety names there was also some thought given to the registration of certain varieties with the Canadian Seed Growers' Association as foundation seed, elite stock seed and a registered grade. Since the list included quite a large number of varieties, some of which were not used extensively, the vegetable committee decided to select a few varieties that are being used extensively, and to place these on the list as eligible for registration. This does not, however, bar other varieties from registration, but merely limits the registered list for the time being until such times as the demand for the other varieties would warrant their being included for registration. Those that are now eligible for registration are marked with an asterisk (\*) in front of the name. It will also be noticed that the synonyms for each variety have been given as far as possible.

This descriptive work is being done in the Horticultural Division, Central Experimental Farm, in co-operation with the Canadian Seed Growers' Association, and the Seed Branch, Department of Agriculture, Ottawa.

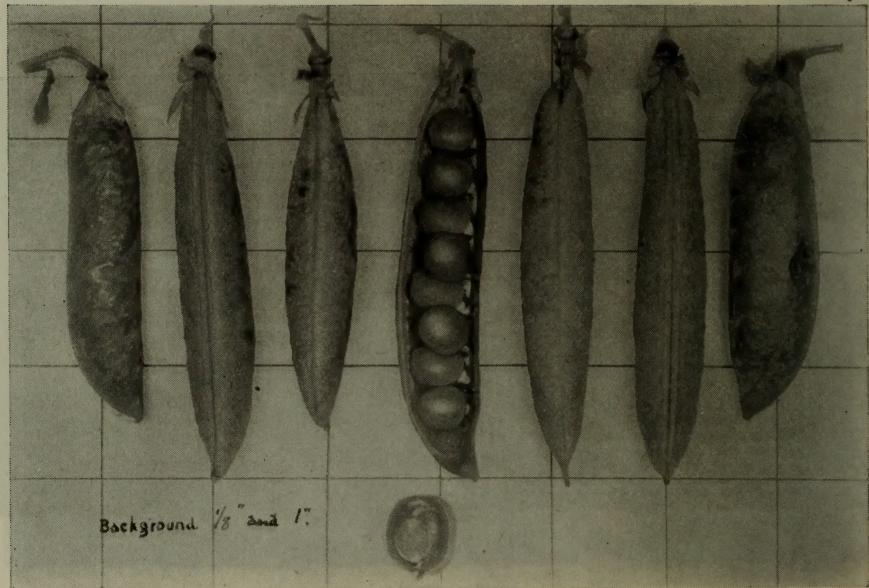
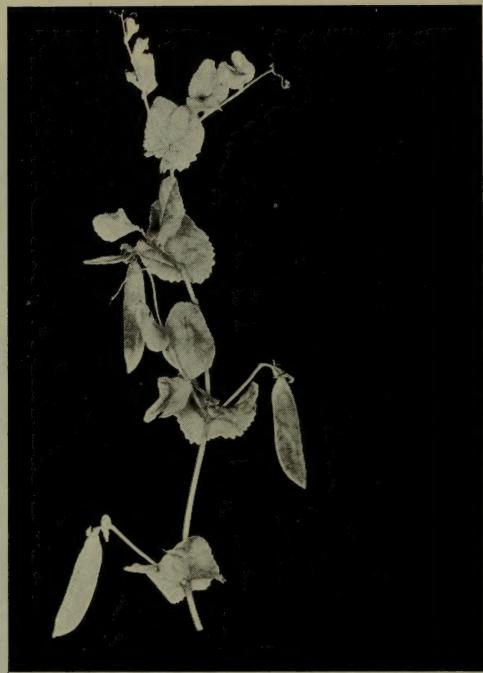
The thanks of the writer are tendered to all those who have contributed to the successful completion of this bulletin.



PEA VINE



PEA KERNELS



PILOT



### PILOT

*Synonyms.*—Improved Pilot, The Pilot, Early Pilot, New Extra Early Pilot, Extra Early Pilot, New Pilot, Pilot or Leader, Leader, Pilot Round Seeded Gradus.

*Type of seed.*—Smooth to slightly wrinkled, roundly flattened.

*Colour.*—Pale green, shaded with cream.

Number of dry seeds per ounce, 97.

*Season.*—Early, requiring 62 days from sowing until ready for use as green peas.

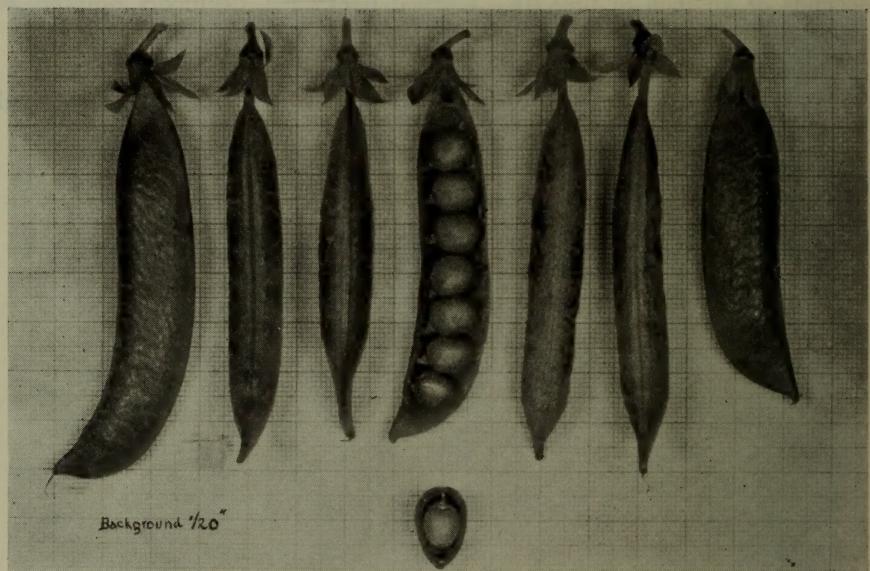
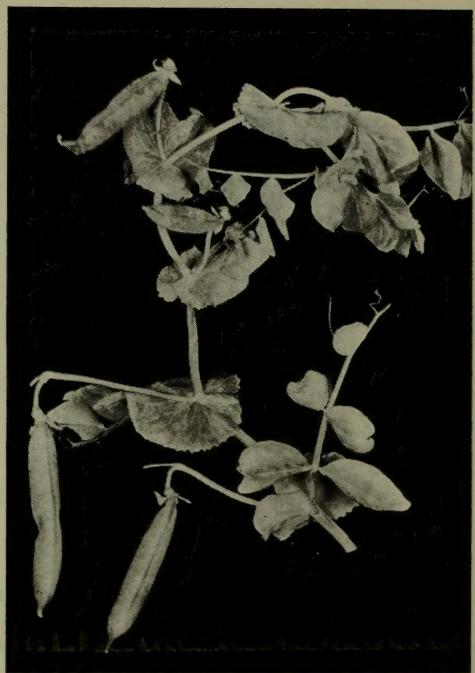
*Plant.*—Height, medium to tall, averaging  $3\frac{1}{2}$  feet with a tendency to branch in some cases, but mostly single stem. Leaves medium sized, medium to dark green, with very little bloom. The stipules are large with serated margins.

*Flowers.*—Medium size, white, mostly in pairs.

*Pods.*—Large, fairly uniform averaging  $3\frac{25}{32}$  inches long, twenty-five thirty-seconds of an inch from the dorsal to the ventral side by twenty thirty-seconds of an inch in breadth. Curved backward, decidedly pointed, with a granular surface when ready for use, light green, averaging 6 peas per pod.

*Green Peas.*—Large, elongated to roundly flattened, light green, losing tenderness quite early.

*Adaptation.*—Market garden.



LAXTON SUPERB

**\*LAXTON SUPERB**

*Synonym.*—Superb.

*Type of Seed.*—Semi-wrinkled.

*Colour.*—Pale green, with light shading on the radical side.

Number of dry seeds per ounce, 88.

*Season.*—Early, requiring 50 days from sowing until ready for use as green peas.

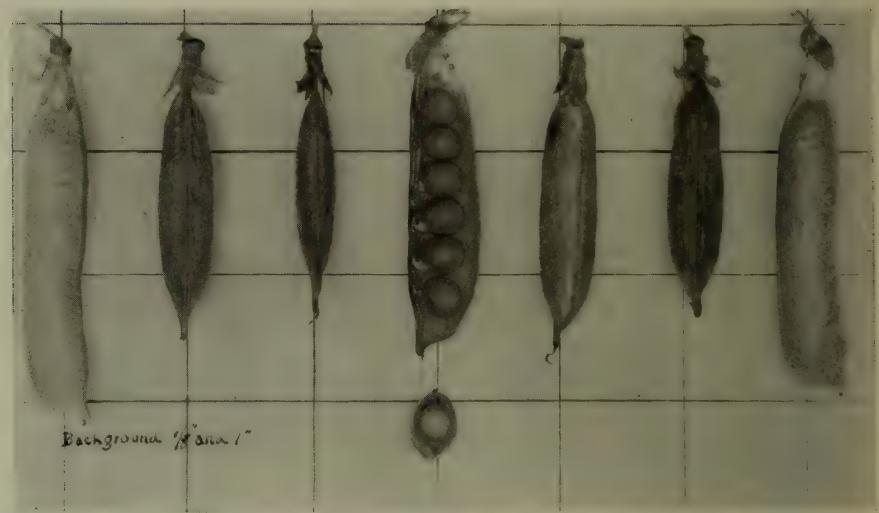
*Plant.*—Height, dwarf averaging 20 inches, branching considerably, robust, compact. Leaves medium size of a yellowish green or light green, with a slight amount of bloom. Stipules medium sized.

*Flowers.*—Medium in size, white, mostly in pairs.

*Pods.*—Large, uniform averaging, 4 inches in length, twenty-six thirty-seconds of an inch from the dorsal to the ventral side by twenty-two thirty-seconds of an inch in breadth. Curved backwards, distinctly pointed, light green when ready for use with a granular surface, averaging 6 peas per pod.

*Green Peas.*—Large, elongated and flattened, quite deep green, losing tenderness quite early.

*Adaptation.*—Excellent for market and home garden, particularly for the first early sowing.



EXTRA EARLY (FIRST AND BEST)

### EXTRA EARLY (FIRST AND BEST)

*Synonyms.*—Best Extra Early, Maud S., Pedigree Extra Early, Dandy Extra Early, Daniel O'Rourke, Earliest and Best, Early June, Early May or Frame, Morning Star, Early Morning Star, Eureka Extra Early, Extra Early East Hartford, First and Best, Extra Early Kent or May, Extra Early Maud S., Extra Early May, Extra Early Morning Star, Extra Early Philadelphia, First and Best Extra Early, First and Best or Maud S. or Pedigreed Early Market, First Early, First of All, First of all or Pedigree Extra Early, First Extra Early (East Hartford), Gregory Pedigree Extra Early, Improved East Hartford Extra Early, Improved Extra Early (Maule), John L. Earliest Extra Early, Market Gardeners Extra Early, Market Gardeners Pride, An Extra Early, Pedigree, Pedigree First and Best, Peerless, Peerless Extra Early, Philadelphia, Prolific Extra Early, Rural New Yorker, Selected Extra Early, Sunol Extra Early, Wonderful Extra Early, Mitchell Special Extra Early, Extra Early Sunol, Prolific Early Market, Monarch of Earlies, Prolific Early (Farquhar), Lightning, Lightning Excelsior, Extra Early Triumph, (Bolgiano) Lightning Express, Giant Lightning (Carter), Extra Early Challenge, Extra Early Market, Blue Ribbon Chieftain, Iowa Challenge.

*Type of Seed.*—Round smooth to slightly dimpled.

*Colour.*—White to cream.

Number of dry seeds per ounce, 125.

*Plant.*—Height averages 30 inches. Quite slim and branching, with leaves of medium size, medium to light green with little bloom. Stipules medium to large, quite blotched.

*Flowers.*—Small, white, mostly single.

*Pods.*—Small, quite uniform averaging  $2 \frac{3}{4}$  inches long, seventeen thirty-seconds of an inch from the dorsal to the ventral side, fifteen thirty-seconds of an inch in breadth. End squared, slightly curved backward, slightly granular when young, becoming quite granular towards maturity, medium to pale green, averaging 6 peas per pod.

*Green Peas.*—Medium to small, round, losing tenderness quite early.

*Adaptation.*—An early maturing variety suitable for first early sowing, belonging to the Alaska type of pea, which may be used for market or home gardening or canning.



Background 1/20



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### BLUE BANTAM

**\*BLUE BANTAM**

*Synonyms.*—Peter Pan, Blue Bantam or Giant Laxtonian, Giant Laxtonian, Blue Bantam Extra Early, Giant Laxtonian or Blue Bantam, Dwarf Gradus, Blue Bantam or Hundredfold, Extra Early Blue Bantam.

*Type of Seed.*—Wrinkled, irregular flattened.

*Colour.*—Medium green and cream.

Number of dried seeds per ounce, 116.

*Season.*—Intermediate requiring 64 days from sowing until ready for use as green peas.

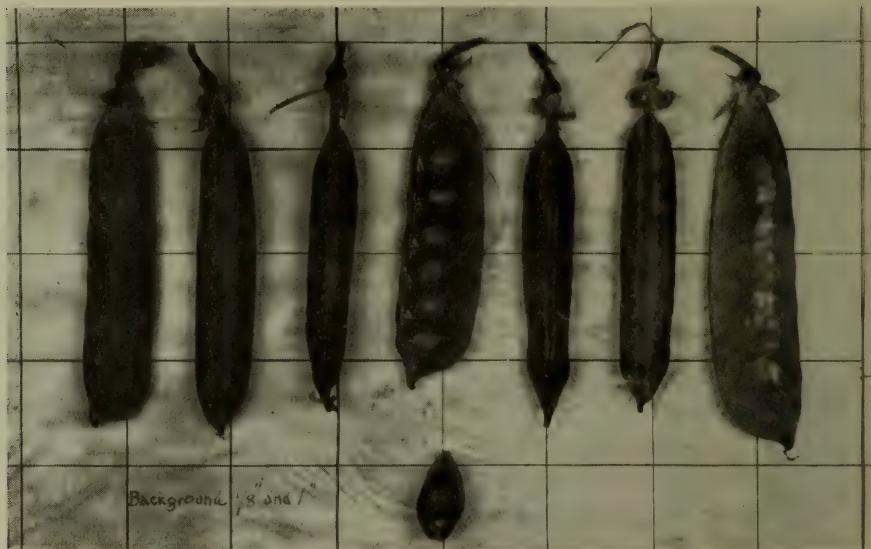
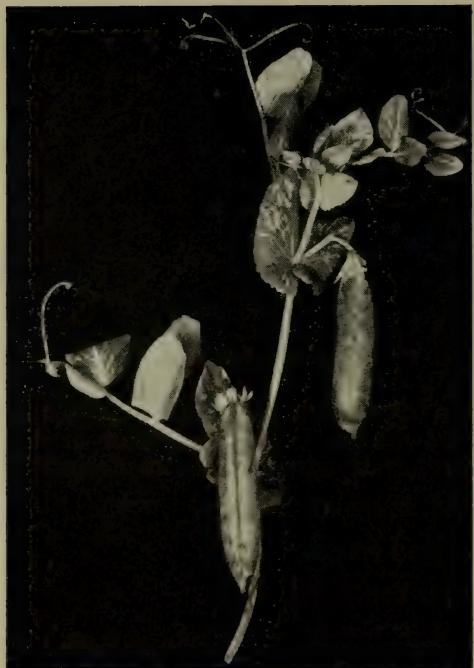
*Plant.*—Height averages 20 inches, dwarf in habit, branching, very robust. Leaves large, medium green with heavy bloom. Stipules medium to large.

*Flowers.*—Medium, produced singly, white.

*Pods.*—Medium to large, fairly uniform, averaging  $4\frac{1}{4}$  inches long, twenty-six thirty-seconds of an inch from the dorsal to the ventral side by eighteen thirty-seconds of an inch in breadth. Pointed quite bluntly, mostly straight with an occasional pod curved slightly backward, quite smooth when young, becoming granular when ready for use and toward maturity, deep green, averaging 6 peas per pod.

*Green Peas.*—Large, slightly rounded to elongated and somewhat flattened, medium green, losing tenderness quite early.

*Adaptation.*—Market garden, and for home garden.



THOMAS LAXTON

**\*THOMAS LAXTON**

*Synonyms.*—Early Thomas Laxton, Extra Early Thomas Laxton.

*Type of Seed.*—Wrinkled very finely, quite irregular.

*Colour.*—Quite uniform pale green.

Number of dry seeds per ounce, 125.

*Season.*—Early, requiring 54 days from sowing until ready for use as green peas.

*Plant.*—Height averages 3 feet high. Fairly robust, mostly single stem, occasionally branching. Internodes long. Leaves rather large, medium green with considerable bloom giving the foliage a pale shading. Stipules quite large, considerably blotched.

*Flowers.*—Medium in size, produced in pairs, white.

*Pods.*—Medium to large, quite uniform,  $3\frac{1}{4}$  inches long, twenty-two thirty-seconds of an inch from the dorsal to the ventral side, by eighteen thirty-seconds of an inch in breadth. Nearly round, square ended, straight, smooth when young, getting granular towards maturity, colour light green when ready for use, averaging 6 peas per pod.

*Green Peas.*—Medium, rounded, not crowded, elongated slightly flattened, medium green, remaining tender for a considerable time.

*Adaptation.*—The best quality early wrinkled, market canning and home garden variety.



LAXTONIAN

**LAXTONIAN**

*Synonyms.*—Pioneer or Laxtonian, Peter Pan, English Early, Dwarf Gradus.

*Type of Seed.*—Wrinkled, irregular.

*Colour.*—Pale green with occasional ones cream.

Number of dry seeds per ounce, 120.

*Season.*—Intermediate, requiring 64 days from sowing until ready for use as green peas.

*Plant.*—Height, dwarf, averaging 18 inches. Sturdy, quite branching. Leaves very large, deep cobalt green with considerable bloom. Stipules large and blotched considerably.

*Flowers.*—Medium to large, single, white.

*Pods.*—Large, fairly uniform, single averaging  $3\frac{1}{4}$  inches long, twenty-four thirty-seconds of an inch from dorsal to ventral side by nineteen thirty-seconds of an inch in breadth. Slightly curved backward, pointed, dark green, becoming granular toward maturity, averaging 6 peas per pod.

*Green Peas.*—Large, flattened on the side when young. Light to yellowish green, losing tenderness rather early.

*Adaptation.*—A very satisfactory market and home garden variety, very similar to Hundredfold and Blue Bantam.



DAISY (DWARF TELEPHONE)

**\*DAISY (DWARF TELEPHONE)**

*Synonyms.*—Dwarf Telephone, Dwarf Defiance, Dwarf Defiance or Telephone, Dwarf Telephone or Daisy, Dwarf Defiance (Potlatch), Improved Dwarf Telephone, Dwarf Telephone Rices' Improved, Carter Daisy or Dwarf Telephone, New Dwarf Telephone, Eberle Defiance, Short Telephone.

*Type of Seed.*—Wrinkled.

*Colour.*—Cream to pale green.

*Number of dry seeds per ouncee,* 93.

*Season.*—Intermediate, requiring 70 days from sowing until ready for use as green peas.

*Plant.*—Height, semi-dwarf, averaging 30 inches. Strong, vigorous, quite branching. Leaves large, compact, frilled or waved at the tip, light green, with a medium amount of bloom. Stipules large.

*Flowers.*—Medium size, single, white.

*Pods.*—Large, very uniform  $4\frac{1}{4}$  inches long, twenty-three thirty-seconds of an inch from the dorsal to the ventral side by nineteen thirty-seconds of an inch in breadth. Quite straight, or slightly curved backwards, pointed, dark green and somewhat granular. Averages 8 peas per pod.

*Green Peas.*—Large, roundly flattened, slightly elongated, pale to medium green, losing tenderness quite early.

*Adaptation.*—A quite high quality market and home garden variety.



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Background 1/20"

LINCOLN

**\*LINCOLN (HOMESTEADER)**

*Synonyms.*—Homesteader.

*Type of Seed*—Mostly wrinkled, flattened, occasionally seeds are smooth or dimpled.

*Colour*.—Varies considerably from cream to pale and dark green.

*Number of dry seeds per ounce*, 145.

*Season*.—Intermediate, requiring 64 days from sowing until ready for use as green peas.

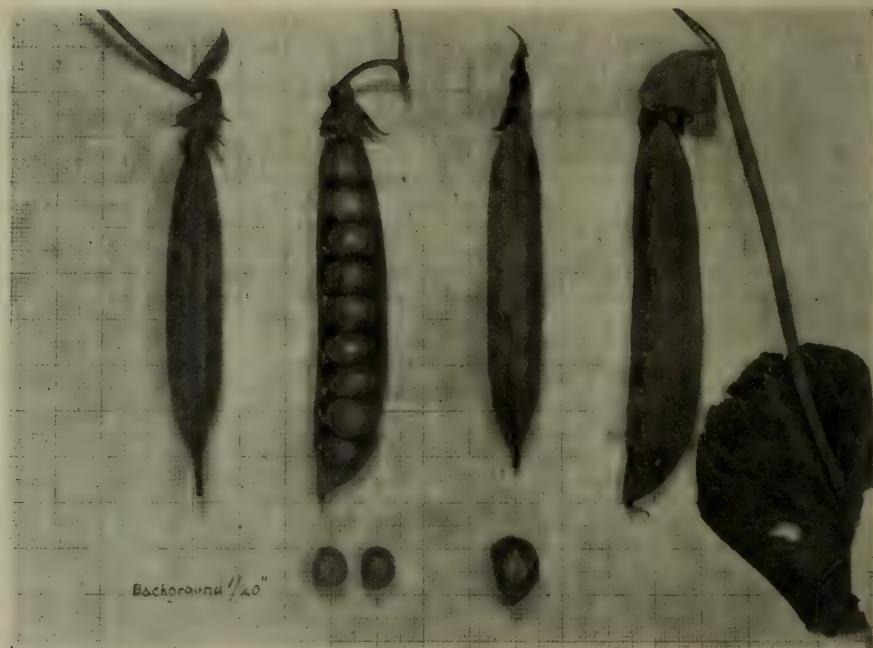
*Plant*.—Height averages 29 inches. The vines are quite stocky, branching, having from 2 to 6 branches. Leaves are medium to small being peculiarly shaped, terminating each cluster is a number of fine long tendrils. The stipules are medium to large.

*Flowers*.—Numerous, very frequently in pairs, medium to small in size, white to pale cream colour. In bloom over a long period of time.

*Pods*.—Are medium to large, averaging  $3\frac{1}{4}$  inches in length, nineteen thirty-seconds of an inch from dorsal to ventral side by thirteen thirty-seconds of an inch in breadth or somewhat flattened. Scimiter shaped with a decidedly pointed end, curved backwards. The colour is a deep green, but being heavily coated with bloom has a yellowish cast. Quite granular, averaging 8 peas per pod.

*Green Peas*.—Medium to small slightly crowded in the pods giving them a flattened appearance. Colour when raw is a pale yellowish green losing their tenderness quite early.

*Adaptation*.—Suitable for canning and in about the same season as Advancer as a market garden variety. Can be used as a second early variety.



ALDERMAN

**ALDERMAN**

*Synonyms.*—Dark Green Telephone, Improved Dark Green Telephone, Goliath.

*Type of Seed.*—Wrinkled quite finely, squared flattened.

*Colour.*—Medium to dark green.

Number of dry seeds per ounce, 118.

*Season.*—Intermediate to late, requiring 71 days from sowing until ready for use as green peas.

*Plant.*—Height 5 feet. Strong vigorous, branching considerably. Leaves dark green medium to large, considerably blotched. Stipules medium to large resembling the shape of Telephone.

*Flowers.*—Medium size, mostly single cream or white, quite numerous.

*Pods.*—Large averaging  $4\frac{1}{2}$  inches twenty-four thirty-seconds of an inch from the dorsal to the ventral side by nineteen thirty-seconds of an inch in breadth. Very straight, pointed, sloping mostly from the ventral side. Surface smooth, dark green, averaging 8 peas per pod.

*Green Peas.*—Medium to large, flattened very slightly elongated, dark green, remaining tender for a considerable time.

*Adaptation.*—One of the outstanding market garden varieties, very productive. A very desirable variety for shipping, due to the dark green colour, and presenting an attractive appearance some days later.



STRATAGEM

**STRATAGEM**

*Synonyms.*—Improved Stratagem, Potlatch, Potlatch or Big Dinner, Potlatch or Dwarf Defiance, English Main Crop, Prizewinner.

*Type of Seed.*—Coarsely wrinkled; in some cases seeds are wrinkled somewhat finer.

*Colour.*—Ranges medium green or pale green in the case of a few seeds.

Number of dry seeds per ounce, 109.

*Season.*—Intermediate to late, requiring 72 days from sowing until ready for use as green peas.

*Plant.*—Height, medium, averaging 2 feet. Strong, stout vigorous, with a tendency to branch. Leaves dark green, very large, compact, considerably blotched. Stipules large, blotched, considerable bloom on both leaves and stipules.

*Flowers.*—Medium size, mostly single, occasionally in pairs, cream coloured.

*Pods.*—Large, somewhat variable averaging  $4\frac{1}{4}$  inches long, twenty-two thirty-seconds of an inch from the dorsal to the ventral side by eighteen thirty-seconds of an inch in breadth. Slightly curved backwards, pointed, dark green, mostly smooth, occasionally pebbled slightly. Averaging 8 peas per pod.

*Green Peas.*—Roundly flattened, slightly elongated deep green, remaining tender for a considerable time.

*Adaptation.*—One of the best market and home garden main crop varieties. Intermediate season.



Background  $\frac{1}{20}$ "

#### TELEPHONE

**\*TELEPHONE**

*Synonyms.*—Tall Telephone, Tall True Telephone, Large Telephone, Boston Unrivalled or Telephone, Telephone or Alderman, Boston Unrivalled, Late Telephone, Improved Telephone, Selected Telephone.

*Type of Seed.*—Medium to coarsely wrinkled.

*Colour.*—Mostly pale green, occasionally cream.

Number of dry seeds per ounce, 92.

*Season.*—Intermediate to late, requiring 71 days from sowing until ready for use as green peas.

*Plant.*—Height, tall, averaging 4 feet. Strong growing, many plants showing a branching habit. Leaves medium to deep green, of medium size with considerable blotching and a fair amount of bloom on the surface. Stipules large decidedly blotched.

*Flowers.*—Medium size, borne singly, occasionally in pairs, cream coloured.

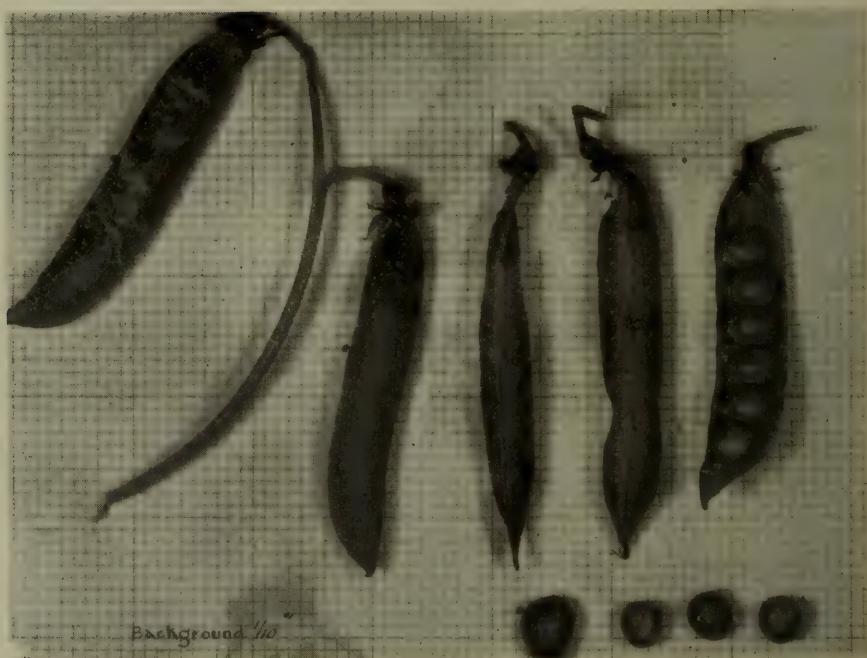
*Pods.*—Large, uniform averaging  $4 \frac{2}{3}$  inches long, twenty-four thirty-seconds of an inch from the dorsal to the ventral side by twenty thirty-seconds of an inch in breadth. Very straight pointed sloping slightly from the dorsal side. Surface smooth, medium green, averaging 8 peas per pod.

*Green Peas.*—Large, flattened, elongated, deep green, remaining tender for a short period.

*Adaptation.*—One of the best market garden varieties. Very productive late crop.



Background 16"



Background 16"

CHAMPION OF ENGLAND

**CHAMPION OF ENGLAND**

*Synonyms.*—Champion, Improved Champion of England.

*Type of Seed.*—Coarsely wrinkled.

*Colour.*—Light green, occasionally cream.

Number of dry seed per ounce, 100.

*Season.*—Late, requiring 73 days from sowing until ready for use as green peas.

*Plant.*—Height, tall, averaging  $4\frac{1}{2}$  feet. Quite robust or stout, deep green with a tendency to branch. Leaves are dark green, of medium size with a moderate amount of bloom. Stipules are of moderate size with a tendency to being pointed. There is an absence of blotching.

*Flowers.*—Medium to small, in pairs and single, white.

*Pods.*—Large, averaging  $3\frac{1}{2}$  inches long, twenty thirty-seconds of an inch from the dorsal to the ventral side, by eighteen thirty-seconds of an inch in breadth, almost straight, with a slight curve back. The pods are quite pointed, mostly single but sometimes in pairs, with a medium green colour. The surface is generally smooth with occasional pods showing a granular appearance. They are well filled, averaging 8 peas but not crowded.

*Green Peas.*—Large, rounded, flattened slightly, remaining tender for a considerable time.

*Adaptation.*—Well suited for market gardening.



GLORY OF DEVON

**GLORY OF DEVON**

*Synonyms.*—None.

*Type of Seed.*—Wrinkled.

*Colour.*—Pale green, in some cases cream.

Number of dry seeds per ounce, 100.

*Season.*—Late, requiring 76 days from sowing until ready for use as green peas.

*Plant.*—Height, tall to medium averaging 4 feet with quite a tendency to branch.

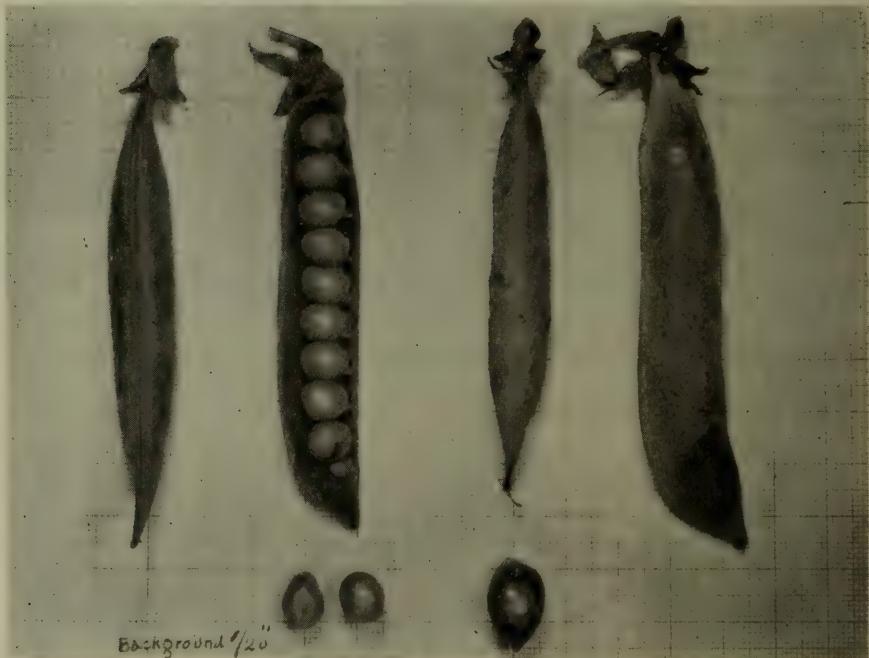
The plants are quite sturdy, having fairly short internodes. Leaves are large medium green colour, densely covered with bloom giving a pale green colour. The stipules are large showing very slight blotching.

*Flowers.*—Small, mostly single, occasionally in pairs, white or pale cream.

*Pods.*—Large averaging  $4 \frac{3}{2}$  inches long, twenty-two thirty-seconds of an inch from the dorsal to the ventral side by fifteen thirty-seconds of an inch in breadth, curved back slightly with a bluntly pointed tip that is peculiarly broadened. They are produced mostly single, occasionally in pairs. The surface is quite smooth. When ready for use, they are a pale green colour. The average number of peas per pod is 6. It has been noticed that numbers of pods will produce quite a few poorly developed peas.

*Green Peas.*—Large, flattened or elongated, pale green colour, losing tenderness early.

*Adaptation.*—A variety suited to market gardening.



QUITE CONTENT

**QUITE CONTENT**

*Synonyms.*—None.

*Type of Seed.*—Wrinkled coarsely but deeply.

*Colour.*—Varies, but mostly medium green with an occasional one cream colour.

Number of dry seeds per ounce, 115.

*Season.*—Late, requiring 73 days from sowing until ready for use as green peas.

*Plant.*—Height averages  $5\frac{1}{2}$  feet. Some plants will develop to 6 feet or slightly more. It is a quite sturdy variety, having a tendency to branch considerably. Leaves are medium in size, dark green with little bloom. The stipules are medium in size with a small amount of blotching.

*Flowers.*—Medium sized, produced in pairs and single, pale cream or white.

*Pods.*—Very large averaging  $4\frac{2}{3}_2$  inches long, twenty-six thirty-seconds of an inch from the dorsal to the ventral side by twenty-two thirty-seconds of an inch in breadth. Fairly uniform for shape, produced singly but sometimes in pairs, being slightly curved backwards, with a bluntly pointed broad tip. When ready for use the pods are pale green, with a decidedly smooth surface. The average number of peas per pod is 8, occasionally having ten.

*Green Peas.*—Large, roundly elongated, medium or pale green, remaining tender over a long period.

*Adaptation.*—One of the finest large podded market garden varieties.



Background  $\frac{1}{2}$ "



Background  $\frac{1}{2}$ "

GLADSTONE

**GLADSTONE**

*Synonyms.*—None.

*Type of Seed.*—Wrinkled.

*Colour.*—Varies greatly from cream to light green.

Number of dry seeds per ounce, 114.

*Season.*—Late, requiring 73 days from sowing until ready for use as green peas.

*Plant.*—Height, averages  $3\frac{1}{2}$  feet. Some plants show a tendency to branch. Leaves are large, light green with a very slight amount of bloom. The stipules are very large, showing a small amount of spotting.

*Flowers.*—Large, quite numerous, produced both singly and in pairs, being white or pale cream.

*Pods.*—Large, averaging  $4\frac{1}{4}$  inches long, twenty-eight thirty-seconds of an inch from the dorsal to the ventral side by eighteen thirty-seconds of an inch in breadth. Produced in pairs and single, slightly curved backwards, bluntly pointed. Colour when ready for use is pale green. The surface of the pods is very smooth. The average number of peas per pod is 8 but it frequently happens that pods are obtained with 10 well formed peas.

*Green Peas.*—Large, flattened, elongated, dark green, losing tenderness early.

*Adaptation.*—A very desirable late crop market garden variety.



NE PLUS ULTRA

**NE PLUS ULTRA**

*Synonyms.*—None.

*Type of Seed.*—Wrinkled coarsely, squared angular.

*Colour.*—Varies from cream to medium green when the seed is ripe.

Number of dry seeds per ounce, 145.

*Season.*—Very late, requiring 78 days from sowing until ready for use as green peas.

*Plant.*—Height averages  $5\frac{1}{2}$  feet. The vines are quite vigorous, freely branching. Leaves are large, dark green. The stipules are large.

*Flowers.*—Large, numerous, white, almost entirely in pairs, occasionally single.

*Pods.*—Medium, averaging  $3\frac{1}{4}$  inches in length, twenty-one thirty-seconds of an inch from dorsal to ventral side by fourteen thirty-seconds of an inch in breadth. Almost entirely in pairs, blunt ended or squared, slightly to considerably curved backwards. Colour when ready for use pale green. Number of peas in the pod averages 6.

*Green Peas.*—Medium flattened, rounded, being crowded in the pods. Colour when raw is pale green, retaining their tenderness for a long period of time.

*Adaptation.*—A very good variety for market garden but is not known generally.



Background  $\frac{1}{2}$  oz.



Background  $\frac{1}{2}$  oz.

### MELTING SUGAR

### MELTING SUGAR

*Synonyms.*—Mammoth Sugar, Luscious Melting Sugar, Mammoth Podded Sugar, Prolific Giant Podded Sugar, Sugar Mammoth Melting, Sugar Tall White, Tall Sugar, Tall Scimitar Sugar, Perfection Sugar, Lincoln Adams Favourite, Large Edible Podded Sugar.

*Type of Seed.*—Smooth, round dimpled, medium large.

*Colour.*—Light yellowish to pale green.

Number of dry seeds per ounce, 123.

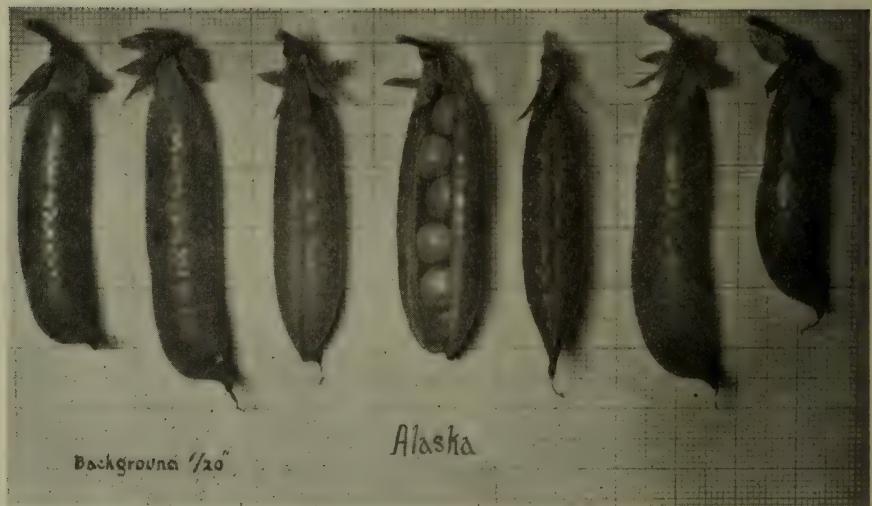
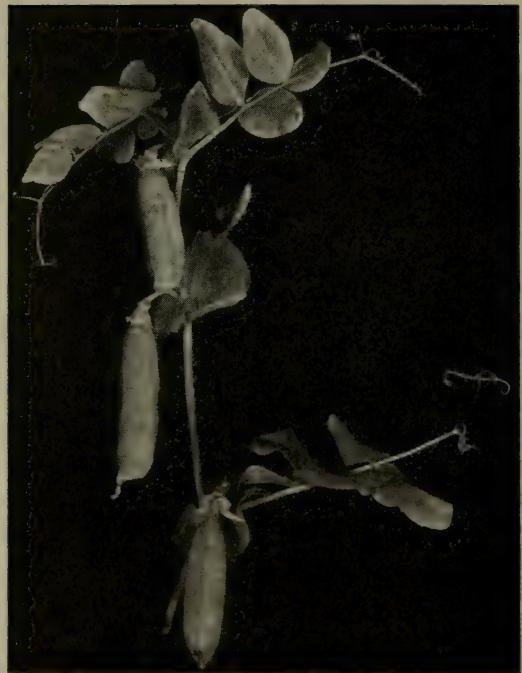
*Season.*—Very late, requiring 78 days from sowing until ready for use as green peas.

*Plant.*—Height, tall, averaging five feet. The vines are strong growing, coarse straw with long internodes. Leaves, large in size, light green. Stipules are very large with very distinct blotching.

*Flowers.*—Numerous, pairs and single of medium size. White to pale cream colour.

*Pods.*—Large, blunt ended, averaging  $4\frac{1}{4}$  inches long. One two thirty-second inches from dorsal to ventral side by eighteen thirty-seconds of an inch in breadth, or they may be termed broadly flattened, irregularly twisted sideways. Produced mostly single, occasionally in pairs. The surface is slightly granular, pale green when edible with from 7 to 8 seeds per pod. Pods remain tender until quite mature.

*Adaptation.*—Edible podded, used entirely as a green vegetable for market or home garden, the pods being cooked the same as green beans. Not used extensively in this country.



ALASKA

**\*ALASKA**

*Synonyms.*—First of all, Earliest of all, Electric Extra Early, Extra Early Perfection, Extra Early Non Pareil, Long Pod Alaska, Extremely Early Long Pod Alaska, Clipper, Alaska or Earliest of all, Alaska Extra Early, Alaska Keeney Pure, Earliest Alaska, Earliest of all or Alaska, Alaska Large Podded.

*Type of Seed.*—Smooth to dimpled when ripe, round when green.

*Colour.*—White, shaded with bluish green. In some cases the white is entirely absent.

Number of dry seeds per ounce, 163.

*Season.*—Early, requiring 57 days from sowing until ready for use as green peas.

*Plant.*—Height medium, averaging 2 feet 9 inches. The vines are mostly single but occasionally a branching one is found, Slender internodes. Leaves medium to small, medium to pale green. Stipules are small.

*Flowers.*—Not profuse. The flowers are small, quite uniform, white, produced singly, rarely in pairs.

*Pods.*—Average 11 pods per vine. Medium size, averaging  $2\frac{1}{2}_0$  long, thirteen-twentieths of an inch from the dorsal to the ventral side and twelve-twentieths of an inch transversely from side to side. Very uniform, mostly single, rarely in pairs. Straight with squared end. The surface is slightly granular. Pale green colour.

*Green Peas.*—Small, rounded, colour when raw is a pale to yellowish green, not crowded in the pod.

*Adaptation.*—One of the most popular early maturing varieties for canning. Sometimes used as an early market garden crop.



Background 1/20"



Background 1/20"

ADVANCER

**ADVANCER**

*Synonyms.*—McLean Advancer, Improved Advancer, Davis Perfection, Advancer Improved, Selected Advancer.

*Type of Seed.*—Wrinkled, flattened, squared, angular.

*Colour.*—Cream to white with varying shades of green, some seeds entirely pale green.

Number of dry seeds per ounce, 153.

*Season.*—Intermediate requiring 69 days from sowing until ready for use as green peas.

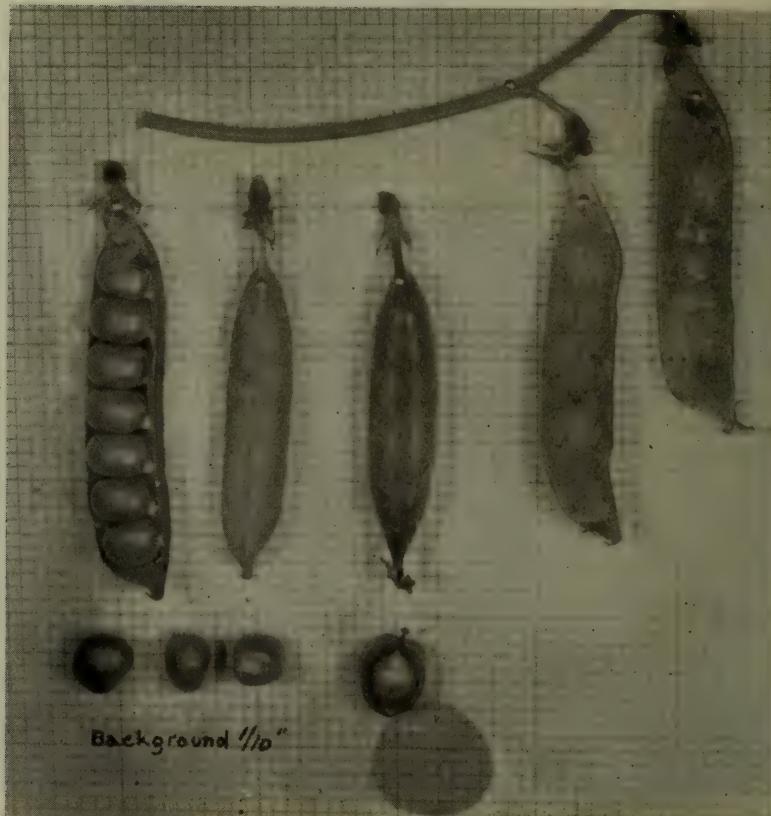
*Plant.*—Height medium, averaging 30 inches mostly branching. Leaves medium to small uniformly dark green with considerable bloom on surface with very fine blotching. Stipules medium to small with fine blotching.

*Flowers.*—Small, both in pairs and single, white to pale cream.

*Pods.*—Medium size, averaging 3 inches in length nine-sixteenths of an inch in width, by ten-sixteenths of an inch in breadth. Quite rounded, straight to slightly curved backward, quite uniform, in pairs and single. Ends squared, surface granular. Colour (when edible) whitish green. Number of peas in pods 8.

*Green Peas.*—Medium to large, roundly flattened being very closely crowded in the pods. The colour when raw is a light green, are very attractive, but lose their tenderness quite early.

*Adaptation.*—Canning or for second early market garden.



HORSFORD MARKET GARDEN

### HORSFORD MARKET GARDEN

*Synonyms.*—Market Garden.

*Type of Seed.*—Wrinkled, flattened in some cases, squared, medium size.

*Colour.*—Mostly dark green; some show a slight amount of cream or white.

*Number of dry seeds per ounce, 122.*

*Season.*—Intermediate, requiring 70 days from sowing the seed until ready for use as green peas.

*Plant.*—Height, medium, averaging 32 inches mostly branching, stout, strong. Leaves small, quite numerous dark green having a considerable amount of bloom. Stipules are medium in size.

*Flowers.*—Numerous, medium size, almost always in pairs and borne near the top of the vine.

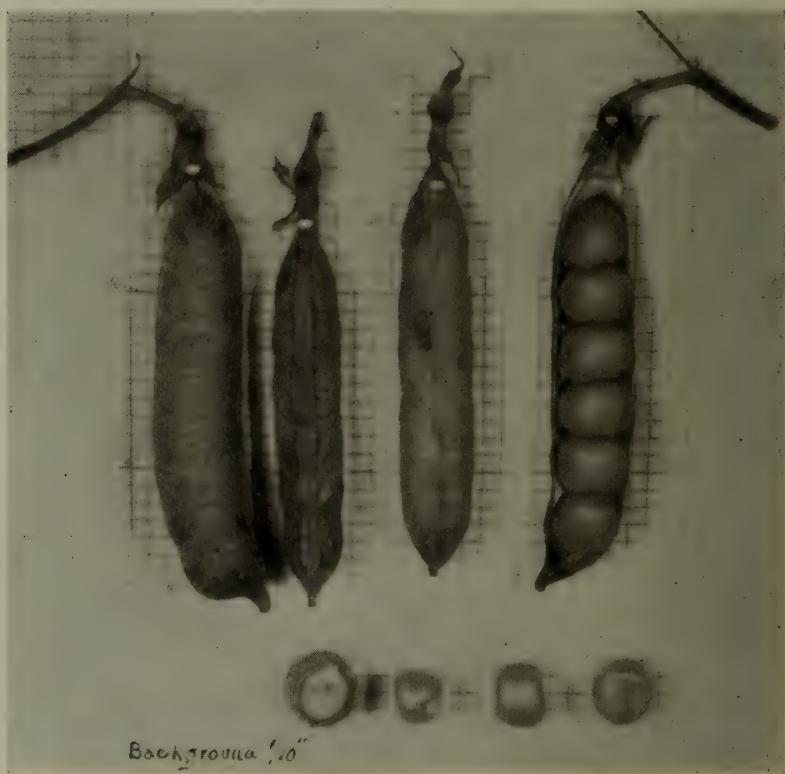
*Pods.*—Medium size averaging  $2\frac{3}{4}$  inches long, quite cylindrical, almost straight being bluntly pointed to squared at the blossom end, deep green in colour. Surface smooth when young, quite granular, when past tender stage. Almost always produced in pairs. Number of peas in pod vary 5 to 7.

*Green Peas.*—Medium, roundly flattened, being quite closely crowded in the pods. Medium to dark green, retaining their colour well and remaining tender for a long period.

*Adaptation.*—A splendid canning variety following after Admiral. May be used as an intermediate market garden variety.



Bachgrouna 1.0"



Bachgrouna 1.0"

#### GREEN SEDED ADMIRAL

**GREEN SEEDED ADMIRAL**

*Synonyms.*—Green Admiral, Admiral Green Seeded.

*Type of Seed.*—Wrinkled.

*Colour.*—Very clear green, that is even when the seed is ripe.

Number of dry seeds per ounce, 200.

*Season.*—Intermediate, requiring 66 days from sowing until ready for use as green peas.

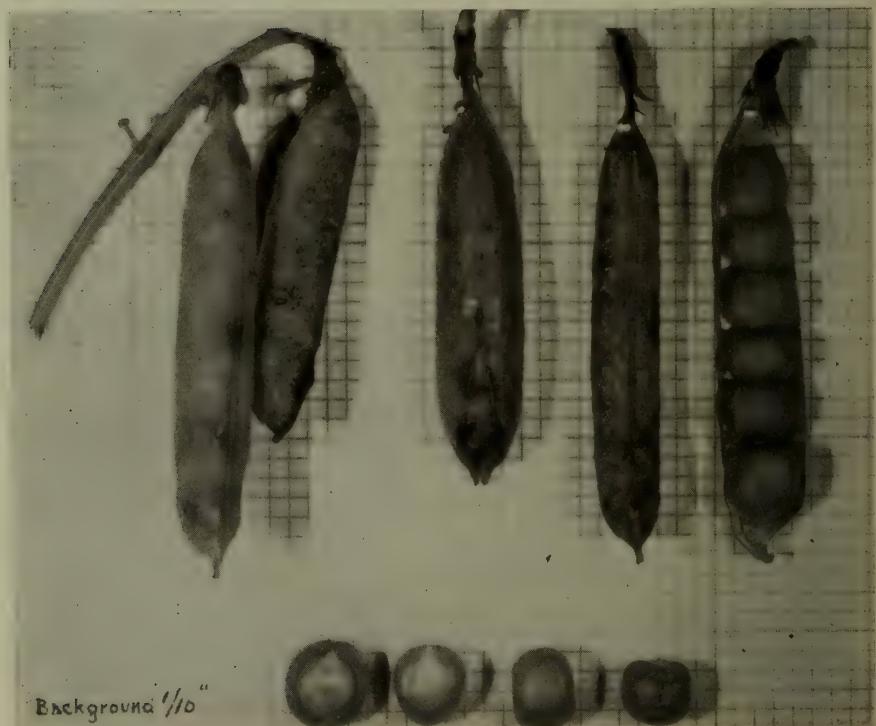
*Plant.*—Height varies from 40 to 48 inches, averaging 42 inches. The vines are somewhat slender, quite branching. Leaves are small to medium, dark green, densely covered with bloom. The stipules are medium to large.

*Flowers.*—Small, quite uniform, white, borne singly and occasionally in pairs.

*Pods.*—Medium small, averaging  $2\frac{1}{4}$  inches long seven-sixteenths of an inch wide from dorsal to ventral side by seven-sixteenths of an inch in breadth, quite cylindrical. Very uniform, produced singly and occasionally in pairs. Slightly curved backwards squared at the end, surface smooth when young, granular when near maturity. Colour when edible, medium green, with an average of 6 seeds per pod.

*Green Peas.*—Small in size crowded, giving the seeds a squared or flattened appearance. Colour when raw, is medium to dark green. Remain tender for a long period, sweet, juicy.

*Adaptation.*—One of the finest of the canning varieties used chiefly for this purpose.



HORAL

**HORAL**

*Synonyms.*—None.

*Type of Seed.*—Wrinkled.

*Colour.*—Slight cream showing through a distinct green when the seed is ripe.

*Number of dry seeds per ounce,* 205.

*Season.*—Intermediate, requiring 68 days from sowing until ready for use as green peas.

*Plant.*—Height quite dwarf, averaging 26 inches. The vines are robust, quite branching. Leaves medium in size, compact, dark green. The stipules are medium to large with an almost total absence of blotching.

*Flowers.*—Abundant, medium size, cream to white, mostly single, sometimes in pairs.

*Pods.*—Medium size, straight to slightly curved backwards, blunt ended or squared, averaging 2 inches long, seventeen thirty-seconds of an inch from dorsal to ventral side and twelve thirty-seconds of an inch in breadth. Dark green quite smooth when ready for use, becoming granular when nearing maturity, with an average of 6 peas per pod.

*Green Peas.*—Small in size, closely crowded in the pods, giving the seeds a flattened appearance. Colour when raw an attractive green. Remain tender for a long period, retaining the extraordinary sweetness after being canned and also good colour.

*Adaptation.*—A variety outstanding for canning purposes, being a prolific cropper, somewhat late, and decidedly resistant to root rot, possessing exceptionally good quality, maturing uniformly.

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